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BOROUGH OF MORLEY.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR ENDED DECEMBER 31st, 1940.

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BOROUGH OF MORLEY.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR ENDED DECEMBER 31st, 1940.

BOROUGH OF MORLEY.

MEMBERS OF THE HEALTH COMMITTEE.

The Mayor (Councillor Dennis Moss).

Chairman—Councillor J. Askey J.P.

Deputy-Chairman—Councillor Mrs. J. P. Fraser.

Aldermen:—

A. Booth.
H. Smith.
E. Marsden.
A. Wilson.

Councillors:—

E. Barrowclough, J.P.
B. Hall.
H. Marwood.
R. Stead.
J. Dews.
W. B. Hepworth.
T. Redick.
M. M. Watson.
S. Wigoder, M.A., M.D.

Maternity and Child Welfare Sub-Committee:—

The Members of the Health Committee.

The Mayoress (Mrs. Dennis Moss).

Mrs. A. Wilson.
Mrs. J. Askey.
Mrs. Humphries.

Morley Hall Maternity Home—House Sub-Committee:—

The Chairman and Deputy-Chairman of the Health Committee.

The Lady Members of the Maternity and Child Welfare Sub-Committee.

Mrs. J. Dews.
Mrs. S. Rushforth.
Mrs. T. Redick.
Mrs. S. Wigoder.

JOINT MEDICAL SERVICES COMMITTEE.

Seven members of the Public Health Committee together with seven members of the Education Committee.

The Mayor (Councillor Dennis Moss).

Chairman—Alderman A. Booth.

Deputy-Chairman—Councillor R. Stead.

Aldermen :—

D. Dickinson.
A. Longbottom.
H. Smith.

Councillors :—

J. Askey.
E. Barrowclough.
Mrs. Fraser.
J. Haworth.
T. Redick.
J. Rhodes.
J. Walsh.
J. S. R. Whitling.

The Mayoress (Mrs. Dennis Moss).

PUBLIC HEALTH DEPARTMENT STAFF.

Medical Officer of Health, Medical Superintendent of the Isolation Hospitals and of the Maternity Home:—
Frederick G. E. Hill, D.S.O., M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health (part-time):—
W. T. Clarke, M.R.C.S., L.R.C.P.

Dental Surgeon:—
H. J. Eagleson, L.D.S.

Senior Sanitary Inspector:—
Frederick J. R. Batten, M.R.San.Inst., M.S.I.A.

Sanitary Inspectors:—
Harold N. Roberts.
Frank G. Sugden, M.R.San.Inst., M.S.I.A.
William A. Beere, M.R.San.Inst., M.S.I.A.

Matron, Bruntcliffe and Grange Isolation Hospitals:—
†Miss E. Reid.

Matron, Morley Hall Maternity Home:—
*†Miss P. Duerden.

Health Visitors:—
*Miss Edith Maxwell, A.R.San.Inst.
†*Miss Sarah Chapman.
†*Miss Evelyn Willingham-Wells.
†*Miss Jane H. Williams.

Clerks:—
xErnest Myers.
xMiss M. Burland.
Miss Kathleen Lamb.

Clerks, Temporary Staff:—
xRonald Crabtree.
Miss M. Harrison.
Miss K. Gray.

x Serving with H.M. Forces or Nursing Services and not at present employed in the Department.
† State Registered Nurse.
* C.M.B. Certificate.

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1940.

Resident Population:—38,090.

Comparability Factor ... 1.02

Live Births:—

	Males.	Females.	Total.
Legitimate	267	249	515
Illegitimate	11	11	22
	278	260	537

Birth-rate (Registrar-General) ... 13.89

Still Births:—

	Males.	Females.	Total.
Legitimate	8	7	15
Illegitimate	0	1	1
	8	8	16

Rate per thousand (Live and Still) Births ... 28.8

	Males.	Females.	Total.
Deaths	277	269	546

Death-rate (Registrar-General) ... 14.07

Deaths from Puerperal Causes (Heading 29 and 30 of the Registrar-General's Short List):—

No. 29—Puerperal Post-abortional Sepsis ... 1
Rate per 1,000 (Live and Still Births) 1.8

No. 30—Other Maternal Causes 1
Rate per 1,000 (Live and Still Births) 1.8

Maternal Death-rate (per 1,000 Live and Still Births) 3.6

Death of Infants under One Year:—

	Males.	Females.	Total.
Legitimate	14	8	22
Illegitimate	0	0	0
	14	8	22

Infantile Mortality Rate:—

All Infants per 1,000 live births	40.7
Legitimate Infants per 1,000 legitimate live births	42.3
Illegitimate Infants per 1,000 illegitimate live births	—

Deaths from Cancer (all ages)	51
Deaths from Measles (all ages)	1
Deaths from Whooping Cough (all ages)	0
Deaths from Diarrhœa (all ages)	1
Deaths from Diphtheria (all ages)	2

Death-rate—	Pulmonary Tuberculosis	0.39
,,	Other forms of Tuberculosis	0.05
,,	Diarrhœa (under 2 years)	0.026
,,	Cancer	1.34
,,	Measles	0.026
,,	Whooping Cough	0.00
,,	Scarlet Fever	0.00
,,	Diphtheria	0.05
,,	Pneumonia, Bronchitis	2.05

No. of cases notified as	Scarlet Fever	52
,, ,,	Diphtheria	28
,, ,,	Enteric Fever	1
,, ,,	Pulmonary Tuberculosis	18
,, ,,	Other forms of Tuberculosis ...	13
,, ,,	Pneumonia	49
,, ,,	Erysipelas	9
,, ,,	Puerperal Pyrexia	6

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR ENDED DECEMBER 31st, 1940.

To the Chairman and Members of the Health Committee.

I have the honour to present to you the Medical Officer's Report for the year ended December 31st, 1940.

The Report has been considerably curtailed in accordance with the Instructions of the Ministry of Health.

I have the honour to be,

Your obedient servant,

FREDERICK G. E. HILL,
Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

General Statistics, 1940:—

Area	9,529 acres
Population (1931 census)	39,722
Population (Registrar-General, Mid 1940)	38,090
Number of inhabited houses (1931 census)	11,008
Number of inhabited houses (end of 1940, according to rate books)	13,054
Number of families or separate occupiers (1931 census)	11,092
Sum represented by a Penny Rate	£645
Rateable value	£178,793

W. R. Mks

(a) Laboratory Facilities.

Public Health Laboratory, West Riding County Council, Wakefield.

Samples submitted:—

Swabs—Examination for B. Diphtheria	303
Swabs—Examination for Haemolytic Streptococcus	113
Milk samples submitted for bacteriological examination from this Department	135
Water samples	41
Bath Water samples	16
Water samples submitted for examination under arrangements made by the Waterworks Committee to the Laboratory of Messrs. H. T. Lea and Mallinder, Halifax	184

(b) Ambulance Facilities.

(1) General Accident and Sickness.
(2) Maternity Cases.
(3) Infectious Cases.

No change from the arrangement described in Annual Report for 1938.

(c) Nursing in the Home.

The arrangements previously described continue without change.

This Local Authority made grants in 1940 as follows:—

	£	s.	d.
Morley Nursing Association	15	0	0
West Ardsley Nursing Association	5	0	0
Thorpe and Ardsley Nursing Association ...	5	0	0
Drighlington Nursing Association	5	0	0
	£30	0	0

TREATMENT CENTRES AND CLINICS, INCLUDING CLINICS SOLELY FOR DIAGNOSIS OR CONSULTATION.

Infant Welfare Centres:—

The Town Hall, Morley.
Monday, 2-30—5-0 p.m.—Infants.
Wednesday, 2-30—5-0 p.m.—Toddlers.

The Methodist Schoolroom, The Falls, East Ardsley.
*Tuesday, 2-30—5-0 p.m.—Infants and Toddlers.

No. 1, Syke Lane, West Ardsley.
*Thursday, 2-30—5-0 p.m.—Infants and Toddlers.

The Wesleyan Methodist Schoolroom, Drighlington.
*Friday, 2-30—5-0 p.m.—Infants and Toddlers.

The Council Offices, Gildersome.
*Wednesday, 2-30—5-0 p.m.—Infants and Toddlers.
*Combined with a School Clinic Session.

Return of attendances—Infant and Toddlers Welfare.

Total number of Centres provided and maintained by the Council 6

Total attendance at all Centres during the year:—
(1) By children under 1 year of age 6769
(2) By children between the ages of 1 and 5 years... 4212

Total number of children who first attended at the Centres during the year and who, on the date of their first attendance, were:—	
(1) Under 1 year of age	381
(2) Between the ages of 1 and 5	96
Total number of children first attending at the Centres during 1940 and who, at the end of the year, were under 1 year of age	283
Percentage of total notified live births, 1940, represented by this figure	54.3

STATISTICS OF ATTENDANCES AT THE VARIOUS INFANT WELFARE CENTRES.

Morley Infant Welfare.

Total attendances, 1940:—	
(1) Children under 1 year	2816
(2) Children between the ages of 1 and 5 years	152
Total	2968
Average attendance per session	59
Children attending for the first time in 1940 and at the date of their first attendance were:—	
(1) Under 1 year of age	120
(2) Between the ages of 1 and 5 years	0
Total	120

Morley Toddlers' Clinic.

Total attendances, 1940:—	
(1) Children under 1 year	30
(2) Children between the ages of 1 and 5 years	1094
Total	1124
Average attendance per session	21

Children attending for the first time in 1940 and at the date of their first attendance were:—

(1) Under 1 year of age	2
(2) Between the ages of 1 and 5 years	1
Total	3

East Ardsley Infant Welfare.

Total attendances, 1940:—

(1) Children under 1 year	1001
(2) Children between the ages of 1 and 5 years	811
Total	1812
Average attendance per session	36

Children attending for the first time in 1940 and at the date of their first attendance were:—

(1) Under 1 year	61
(2) Between the ages of 1 and 5 years	1
Total	62

West Ardsley Infant Welfare.

Total attendances, 1940:—

(1) Children under 1 year	877
(2) Children between the ages of 1 and 5 years	561
Total	1438
Average attendance per session	28

Children attending for the first time in 1940 and at the date of their first attendance were:—

(1) Under 1 year of age	58
(2) Between the ages of 1 and 5 years	0
Total	58

Drighlington Infant Welfare.

Total attendances, 1940:—

(1) Children under 1 year	1084
(2) Between the ages of 1 and 5 years	814
Total	1898
Average attendance per session	35

Children attending for the first time in 1940 and at the date of their first attendance were:—

(1) Under 1 year of age	80
(2) Between the ages of 1 and 5 years	39
Total	119

Gildersome Infant Welfare.

Total attendances, 1940:—

(1) Children under 1 year	961
(2) Children between the ages of 1 and 5 years	780
Total	1741
Average attendance per session	34

Children attending for the first time in 1940 and at the date of their first attendance were:—

(1) Under 1 year of age	70
(2) Between the ages of 1 and 5 years	53
Total	123

A statement of the sales and free and half-price issues of Dried Milk, etc., is given below:—

Infants and Children under 5 years of age.

Sales at full cost:—

Ambrosia Dried Milk	4289 one lb. packets
Malt and Cod Liver Oil	458 one lb. cartons
Lactogen Dried Milk	1011 one lb. packets
Chocolate Dried Milk	219½ one lb. packets
Virol	2845 four oz. cartons
Virolax	513 four oz. cartons
Maltoline	273 half lb. tins
Cod Liver Oil	1023 six oz. bottles
Glucose	1065 four oz. cartons
Modilac Dried Milk	12 one lb. packets

Sales at half cost:—

Ambrosia Dried Milk	241 one lb. packets
Malt and Cod Liver Oil	28 one lb. cartons
Lactogen Dried Milk	13 one lb. packets
Chocolate Dried Milk	12 one lb. packets
Virol	134 four oz. bottles
Virolax	45 four oz. cartons
Maltoline	8 half lb. tins
Cod Liver Oil	63 six oz. bottles

Free issues:—

Ambrosia Dried Milk	2444 one lb. packets
Malt and Cod Liver Oil	496 one lb. cartons
Lactogen Dried Milk	153 one lb. packets
Chocolate Dried Milk	202½ one lb. packets
Virol	2062 four oz. cartons
Virolax	280 four oz. cartons
Maltoline	313 half lb. tins
Cod Liver Oil	959 six oz. bottles
Glucose	81 four oz. bottles

Expectant and Nursing Mothers.

Sales at full cost:—None.

Sales at half cost:—

Chocolate Dried Milk	4 half lb. packets
Maltoline	2 half lb. tins

Free issues:—

Ambrosia Dried Milk	246 one lb. packets
Malt and Cod Liver Oil	1 one lb. carton
Chocolate Dried Milk	52½ one lb. packets
Virol	9 four oz. cartons
Virolax	3 four oz. cartons
Maltoline	15 half lb. tins

	£	s.	d.
Total expenditure by Local Authority on Milk, Dried Milk, Virol, etc.	920	10	5
Receipts from Sales at full price and half-price...	587	17	11
Nett cost to Local Authority	332	12	6

Ante-Natal and Post-Natal Clinics:—

For patients booking at Morley Hall Maternity Home:—

Morley Hall Maternity Home:—

Monday, 3-0 p.m.—7-0 p.m.—Ante-natal Clinic.
Friday, 3-0 p.m. onwards—Post-natal Clinic.

For patients booking at other lying-in Institutions or remaining at home for confinement:—

School Clinic Premises, Commercial Street, Morley—
x Wednesday evening—6-0 p.m.

No. 1, Syke Lane, West Ardsley—
x First and Third Thursday in each month—6-0 p.m.

Wesleyan Schoolroom, Drighlington—
x Second and Fourth Thursdays in each month—6-0 p.m.
x Combined Ante-natal and Post-natal Clinics.

Attendances at the Ante-natal and Post-natal Clinics in 1940 are shown below:—

Morley Hall Ante-natal Clinic:—

First attendances	219
Total attendances	1410
Average attendance per session	27.6

Morley District Ante-natal Clinic:—

First attendances	66
Total attendances	226
Average attendance per session	4.9

West Ardsley Ante-natal Clinic:—

First attendances	52
Total attendances	147
Average attendance per session	6.3

Drighlington Ante-natal Clinic:—

First attendances	39
Total attendances	118
Average attendance per session	5.1

All Ante-natal Clinics (shown above):—

First attendances	376
Total attendances	1901
Average attendance per session	13.2

Percentage of total notified births (live and still) represented by the number of women attending the clinics during 1940 ..... 70.8

Morley Hall Post-natal Clinic:—
Patients attended 77

Other Post-natal Clinics:—
Patients attended 21

Total, all clinics 98

Arrangements have been made for Specialist Consultations, either by arranging a session at the Leeds Maternity Hospital or by individual appointments with Specialists.

During 1940, 3 consultations were arranged in Leeds and 9 were arranged in Morley.

School Clinics.

Morley Central Clinic, Commercial Street, Morley.
Churwell Clinic, Churwell Council School.
No. 1, Syke Lane, West Ardsley.
The Methodist Chapel Schoolroom, East Ardsley.
The Wesleyan Chapel Schoolroom, King Street, Drighlington.
The Council Offices, The Green, Gildersome.

Consultant Eye Clinics:—
Morley Central Clinic.
Consultant Ophthalmic Surgeon:—
Mr. Walter Kiep, M.B., Ch.B., D.O.

Consultant Aural Clinic:—
Morley Central Clinic.
Consultant Aural Surgeon:—
Mr. William Appleyard, M.B., B.S., F.R.C.S.

Dental Clinic:—
Central Clinic, Commercial Street, Morley.

Summary of Clinic Attendances, 1940—

Morley Central Clinic	14,492
Churwell Clinic	1,278
East Ardsley Clinic	659
West Ardsley Clinic	471
Gildersome Clinic	1,505
Drighlington Clinic	1,853
Total	20,258

All clinics are available to school-age children and to under-school-age children.

Tuberculosis Dispensary Venereal Diseases Clinic Isolation Hospitals Maternity Homes and Hospitals General Hospitals	See previous Annual Reports.

MATERNITY AND MIDWIFERY SERVICE.

Lying-in Accommodation: —

Morley Hall Maternity Home—See previous Annual Reports.

Annual statistics relating to Morley Hall Maternity Home—

(1) Name and address of Institution—
Morley Hall Maternity Home.

(2) Number of Lying-in Beds—
8 lying-in; 1 isolation bed.

(3) Number of ante-natal beds—
None specially provided. Spare accommodation used when available.

(4) Number of maternity cases admitted during 1940—
203

(5) Number of women treated in 1940 in the beds shown under item (3) above—3.

(6) Average duration of stay in Institution (patients shown under item 4)—13.5.

(7) Number of cases delivered by—

(a) Midwives 180
(b) Doctors 20

(8) Number of cases in which Medical Assistance was sought by a midwife—

(a) Ante-natal period	21
(b) During labour	76
(c) After labour	7
(d) For the infant	12
Total	116

(9) Number of cases notified as—

(a) Puerperal fever	0
(b) Puerperal pyrexia	3

(10) Number of cases of pemphigus neonatorum	0
(11) Number of cases of ophthalmia neonatorum	0
(12) Number of cases of slight inflammation of the eyes	1
(13) Number of maternal deaths	0

(14) Number of infant deaths—

(a) Still-born	3
(b) Within ten days of birth	3
Total infant deaths	6

(15) Number of cases attended by a Consultant—

(a) Infants	0
(b) Mothers	11

(16) Number of major operations undertaken—

(a) by Consulting Surgeon	2x

(17) Number of minor operations undertaken—

(a) By Consulting Surgeon	3
(b) By Medical Practitioners	17

x Caesarean section in each case.

Admissions to Morley Hall in past 7 years:—

1934	180	cases
1935	184	,,
1936	205	,,
1937	181	,,
1938	192	,,
1939	166	,,
1940	203	,,

The distribution of admissions throughout the year is shown as follows:—

	Admissions.	Provided Bed-days.	Actual Bed-days.
January	20	248	196
February	14	232	175
March	21	248	291
April	19	240	268
May	15	248	199
June	14	240	230
July	17	248	240
August	18	248	212
September	21	240	259
October	13	248	269
November	15	240	186
December	16	248	221

Other lying-in accommodation, 1940.

Statement of patients admitted to Lying-in Institutions under arrangements made by the Local Authority, 1940.

Leeds Maternity Hospital:—

Emergency cases admitted	35
Booked cases admitted	5
Total	40

West Riding County Hospital, Staincliffe:—

Emergency cases admitted	2
Booked cases admitted	8
Total	10

Wakefield Maternity Home:—

Emergency cases admitted	0
Booked cases admitted	1
Total	1

Morley Hall Maternity Home:—

Emergency cases admitted	0
Booked cases admitted	203
Total	203

All Lying-in Institutions:—

Emergency cases admitted	37
Booked cases admitted	217
Total	254

District Midwifery.

Six midwives provided by the West Riding County Council carry out their duties in accordance with the County Scheme, but work under the general direction of the Medical Officer of Health of Morley.

Maternity—Specialist Service.

The services of a Consulting Surgeon are available for any patient requiring this assistance. (See previous reports). No recovery of fees is made for Specialist Services.

Summary of Specialist Service, 1940—

Number of patients referred to Consultant (includes cases in Morley Hall and District cases)	11
Consultations	11
Minor operations	3
Major operations	2x

(x In each case Caesarean Section).

Costs of Specialist Services, Maternity

Total cost incurred ..... £72 9s. 0d.

Dental Treatment for Expectant and Nursing Mothers.

The Dental Scheme is fully described in the Annual Report for 1938.

Statement of Dental Treatment, 1940—

Number of Expectant and Nursing Mothers referred to the Dental Surgeon by the Medical Officer ...	50
Number found to require treatment	41
Number actually treated in 1940 (includes patients referred in 1939)	27

Statement of treatments given—

(a) Fillings (teeth)	—
(b) Extractions (teeth)	179
(c) Administrations of general anaesthetics	7
(d) No. of patients supplied with dentures ...	14

Estimated cost of Dental Treatment	£88 6s. 0d.
Estimated recovery from patients	£26 19s. 4d.
Estimated nett cost	£61 6s. 8d.

Puerperal Fever and Pyrexia.

6 cases notified in 1940. (3 patients were admitted to Hospital).

Deaths from Puerperal Infection—2.

Home Helps.

There were no requests for Domiciliary Home Helps in 1940.

Maternity Outfits.

Provided for Maternity Cases remaining at home.

Statement for 1940—

Outfits issued free	50
Outfits issued at cost price	33
Total	83

Total cost of outfits provided	£20 15s. 0d.
Costs charged to patients	£8 5s. 0d.
Nett cost to Local Authority	£12 10s. 0d.

Institutional Provision for Mothers and Children.

No change from previous Annual Reports.

Health Visitors.

Provision as previously described.

Summary of Health Visitors' Work, 1940:—

Visits:—

(1) To expectant mothers—	
(a) First visits	368
(b) Total visits	714
(2) To children under 1 year of age—	
(a) First visits	521
(b) Total visits	2328
(3) To children between the ages and 1 and 5 years—	
(a) Total visits	4153
Total visits	8084

CHILD LIFE PROTECTION.

(a) No. of persons on Register, receiving children for reward, end of 1940 2

(b) 1—No. of children registered under the Act... 3

2—No. of children registered under the Act in respect of whom action was taken ... 0

(c) Child Life Protection Visitors (Health Visitors) 4

SECTION C.—SANITARY CIRCUMSTANCES OF THE AREA.

1. WATER.

The general arrangement for the supply of water remains as previously described.

No restrictions were placed on domestic or trade uses in 1940.

With the exception of a relatively small supply from the Water Tower, all mains water is chlorinated (treated by Ammonia and Chlorine).

Water samples are systematically taken and submitted for examination, bacteriological and chemical.

Routine sampling is carried out under arrangements made by the Water Committee. These samples (184 in 1940) are examined by Messrs. Lea and Mallinder, of Halifax.

Of the 184 samples taken, 168 showed no B. Coli, 14 samples showed 3 B. Coli or less per 100 ml. of water, and 2 samples showed 25 B. Coli per 100 ml. of water.

41 other samples taken by the Sanitary Inspectors of the Department were examined at the County Laboratory, Wakefield. Of these 41, 39 were entirely free from B. Coli, and 2 showed 2 B. Coli per 100 ml. of water.

Other samples of water from wells, streams, etc., were submitted for examination in some cases in view of the use of a water on a dairy farm.

4 samples of mains water were examined for plumbo-solvency, the natural water being an upland surface water requiring treatment for lead solvency.

Extensions of Water Mains, 1940:—

Wide Lane, Council Estate, Morley.
Town End, Gildersome.
Bradford and Wakefield Main Road,
(Bruntcliffe Cross Roads to Scotchman Lane).
Hill Top Council Estate, W. Ardsley.
xQuarry Road, Woodkirk, W. Ardsley.
xTingley Cross Roads, W. Ardsley.

x Improvements of previous service.

2. Drainage and Sewerage.

New provision, 1940:—

None.

Improvement of existing Sewers:—

None.

Outstanding requirements, drainage and sewerage:—

Gelderd Road.
Tingley Common.
Woodhouse Lane, E. Ardsley.
Old Lane, E. Ardsley.

Sewage Disposal:—

Morley Main Outfall:—

A scheme of improvement under consideration.

Churwell:—

A scheme to divert sewage to Leeds under consideration. West Riding Rivers Board Reports on effluent discharged into streams.

Morley Main Outfall:—

Unsatisfactory effluent.

Rivers and Streams:—

Description:—See previous report.

Pollution of Rivers and Streams from domestic drainage:—

Tanhouse Yard—Churwell.
Gelderd Road—Morley.
Cockersdale—Drighlington.

In each case the group of houses has been the subject of a representation for clearance.

Closet Accommodation, 1940:—

No. of water closets	10,448
No. of wastewater closets	45
No. of privies	337
No. of pail or tub closets	20
No. of new water closets in old buildings, provided in 1940	0
No. of new water closets in new buildings, provided in 1940	130

Most of the privies referred to above are in Drighlington. Conversion has been approved by the Local Authority, but the work is now indefinitely postponed.

Public Cleansing and Scavenging.

Summarised statistics for the year ended March 31st, 1940, are given below:—

Total weight of refuse collected to year ended 31st March, 1940	13,123 tons
Total weight of refuse tipped to year ended 31st March, 1940	13,123 tons
Total cost of collection and disposal to year ended 31st March, 1940	£5,965 13 5
Drighlington contract—year ended 31st March, 1940	£452 7 4

Salvage.

The salvage campaign commenced in November, 1939, and was intensified during 1940. Materials to a total value of £841 were collected and sold during the year.

A detailed summary of the value of the articles collected is given below:—

	£	s.	d.
Waste Paper	711	10	0
Glass	25	0	0
Ferrous Metals	72	0	0
Non-ferrous Metals	24	0	0
Rags	8	10	0
	£841	0	0

Sanitary Inspection of the Area:—

The following is a statement prepared by the Chief Sanitary Inspector:—

Summary of Nuisances dealt with during 1940:—

	Found.	Abated.
Insufficient refuse accommodation ...	45	29
Accumulation of refuse	6	7
Defective water closets	40	47
Insanitary privy middens	2	1
Insanitary trough closets	0	1
Defective drainage	51	20
Choked drains and gullies	74	79
Defective sink waste pipes	6	1
Defective eaves-gutters	175	126
House dilapidation	76	66
Dampness in houses	3	2
Defective chimneys	5	3
Insanitary sinks	90	28
Insufficient water supply	34	9
Defective water pipes	25	22
Water in cellars, etc.	9	7
Dirty or verminous houses	13	12
Rats and mice	44	17
Offensive accumulation	7	6
Offensive smells	10	7
Defective gas pipes	0	1
Defective roof	0	2
Overflowing cesspool	4	4
	719	497

In conection with the above 1,473 inspections were made. 719 informal notices were served and 32 statutory notices. 465 informal notices and 18 statutory notices were complied with.

SHOPS ACTS, 1934.

Total Inspections 45

Informal action taken in respect of:—

Insufficient sanitary accommodation 1

As a result of the informal notice the unsatisfactory conditions were remedied

SMOKE ABATEMENT.

Summary of observation, 1940:—

Total timed observations 19

Emission of black smoke beyond by-law allowances (longer period than 3 minutes in ½ hour of continuous observation) 1

1 infringement of 10 minutes.

SWIMMING BATHS AND POOLS.

Two Public Baths. Bath waters are subjected to continuous filtration and chlorination.

Turnover period 4 hours.

16 bath water samples were examined in 1940.

12 samples were reported on as satisfactory, of the remaining 4, 2 contained 1 B. Coli per 100 ml. and 2 18+ per 100 ml.

Specimen Sample.

Presumptive B. Coli.

None in 100 ml. of water.

Chemical Examination.

pH value = 7.5 (Ministry of Health standard 7.6—8).

0.2 free chlorine present in 1,000,000 parts of water (Ministry of Health standard 0.2—0.5 parts free chlorine present in 1,000,000 parts of water).

P. L. Sutherland,

25th November, 1940.

ERADICATION OF BED-BUGS.

1. (a) Number of Council houses found to be infested with bed-bugs 9

   (b) Number of Council houses disinfested 9

   (c) Number of other houses found to be infested with bed-bugs 13

   (d) Number of other houses disinfected 13

2. Method employed for bed-bug disinfestation.
   Fumigation with H.C.N.

3. Methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council houses:—

   (a) Clearance removal:—
   Van fumigation with H.C.N., supplemented where necessary by Steam Sterilization.

   (b) Other lettings of Council houses:—
   As in 3 (a) above if evidence is found of bed-bug infestation.

4 H.C.N. Disinfestation—Carried out by Contractor.
   Steam Sterilization—Carried out by Local Authority.

5. Supervision of Council housing:—

   (a) Health Department, Sanitary Inspectors.

   (b) Borough Treasurer, Estate Department, Woman Housing Visitor.

SECTION D.—HOUSING.

Table D included here, gives a summary of the Housing work carried out in 1940.

TABLE D.—HOUSING STATISTICS.

1. Inspection of dwelling-houses during the year:—

(1)	(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	741
	(b) Number of inspections made for the purpose	1473
(2)	(a) Number of dwelling-houses (included under sub-head (1) above), which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	726
	(b) Number of inspections made for the purpose	726
(3)	(a) Number of dwelling-houses needing further action	719
	(b) Number found not to be in all respects reasonably fit for human habitation	417

2. Remedy of defects during the year without service of formal notices.

No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers 265

3. Action under Statutory Powers during the year.

A. Proceedings under Sections 9, 10 and 16, Housing Act, 1936.

(1)	No. of dwelling-houses in respect of which notices were served requiring repairs	0
(2)	No. of dwelling-houses which were rendered fit after service of formal notices	0
	(a) by owners	0
	(b) by Local Authority in default of owners...	0

B Proceeding under Public Health Acts:—

(1)	No. of dwelling-houses in respect of which notices were served requiring defects to be remedied	19
(2)	No. of dwelling-houses in which defects were remedied after service of formal notices	13
	(a) by owners	13
	(b) by Local Authority in default of owners...	0

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

(1)	No. of representations, etc., made in respect of dwelling-houses unfit for habitation	0
(2)	No. of dwelling-houses in respect of which Demolition Orders were made	0
(3)	No. of dwelling-houses demolished in pursuance of Demolition Orders	0

D. Proceedings under Section 12 of the Housing Act, 1936.

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2)	Number of separate tenements or underground rooms, the Closing Orders in respect of which were determined, the tenement or room having had been rendered fit	0

4. Unhealthy Areas.

Housing Acts, Clearance. Postponement of operation.

5. Number of new houses erected during 1940:—

(a) By the Local Authority (completion)	130
(b) By private enterprise	0
	130

6. Housing Conditions.

(1) Total number of houses in the district 13023

(2) Number of working-class houses included in above 10568

(3) General observations as to housing conditions, overcrowding and shortage of houses.

The Council had a provisional scheme to demolish 1,250 houses and re-house the displaced tenants in new Council houses. This scheme has necessarily been postponed on account of the present national emergency.

In view of some movement of population arising from war conditions and the absence in 1940 of two Sanitary Inspectors the situation regarding overcrowding cannot be stated with accuracy.

(4) Any special activity in house building, if so, where?

The Council proceeded with the completion of the following Council Housing Estates:—

Wide Lane, Morley.
Hill Top, West Ardsley.
Churwell Park, Morley.

(5) Any housing scheme projected by the Local Authority, if so, give particulars?

The new Council Houses Provision Schemes referred to in the Report for 1938 are now in abeyance.

(6) Any regulations made in respect of underground sleeping rooms under Section 12, Housing Act, 1936?

None.

7. Town Planning.

(1) Is the Council a member of any Regional Town Planning Committee. If so, which?

Batley and District Joint Town Planning Committee.

(2) Is a Town Planning Scheme in force for

(a) The whole of the District—No.

(b) Part of the District—Yes.

If so, give particulars of scheme.

Applies to part of the District only.

(3) Have Council during 1940 passed a Resolution deciding to prepare a Town Planning Scheme? If so, does it relate to:—

(a) Whole District?—No.

(b) Part of District?—No.

8 Name and address of Officer designated to make inspections under the Housing Consolidated Regulations—Frederick G. E. Hill, Medical Officer of Health, Morley.

9. Has any action been taken to improve the housing conditions of tuberculous families in your District, either by way of building new or special houses or the granting of special facilities for such families to be rehoused? If so, please state action taken?

No official action by the Local Authority. Special consideration is given to individual cases.

10. Housing Act, 1936,—Part IV.—Overcrowding.

(a)	(1) Number of dwellings overcrowded at the end of the year (recorded)	182
	(2) Number of families dwelling therein	182
	(3) Number of persons dwelling therein	1016
(b)	Number of new cases of overcrowding reported during the year	0
(c)	(1) Number of cases of overcrowding relieved during the year	25
	(2) Number of persons concerned in such cases	127

(d) Particulars of any case in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding.

None.

(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.

During the year 1940, improvement has continued, assisted by the completion of those Council Houses under erection at the outbreak of the war.

With the completion of these Council Houses if no further new building is carried out, the position will deteriorate.

(signed) FREDERICK G. E. HILL,
Medical Officer of Health.

CLEARANCE AREAS AND PROVISION OF NEW COUNCIL HOUSES.

Referring to the work described in the Annual Report for 1938, progress continues with the completion of the Wide Lane, Hill Top, and Churwell Estates, and as these houses become ready for occupation the transference of tenants from dwellings in confirmed Clearance Areas will proceed.

Demolition has been suspended as from the date of the outbreak of war.

No sanctions have been given for the re-occupation of vacated houses in confirmed Clearance Areas.

SECTION E.—INSPECTION AND SUPERVISION OF FOOD.

Statement prepared by the Chief Sanitary Inspector:—

Cowsheds and Dairies.

Visits of inspection to cowsheds	101
Visits of inspection to milk dealers	107
Visits of inspection to dairies	81
Total	289

Milk Sampling.

	No. of Samples taken.	Satisfactory reports.	Unsatisfactory reports.
Pasteurised	20	12	8
Accredited	30	28	2
Untreated	106	78	28
Tuberculin Tested ...	1	1	—
	157	119	38

135 of the above samples were taken by Inspectors of this Department and 21 by Inspectors of the Health Department of the West Riding County Council.

6 reported to contain tubercle bacilli.

Summary of Milk Dealers on register:—

Cowkeepers	53
Wholesale Dealers	18
Retail Dealers	84
Licensed Producers of "Accredited" Milk	9
Licensed Producers of "Tuberculin Tested" Milk	—

Meat Inspection.

From mid-January, 1940, the slaughter of animals, other than in cases of emergency, was discontinued in the Borough of Morley under an Order made by the Ministry of Food. Meat is now obtained from the Regional Slaughter-house of the Ministry of Food at Leeds. Routine inspection of this is carried out at the Butchers' Allocation Centre before distribution to the retailers.

During January, 1940, the following were inspected in the slaughter-houses:—

Bovines	91
Swine	200
Sheep	142
	433

Informal action was taken in 30 cases in respect of:—

Bovines—

Lungs—Tuberculosis	10
Lungs—Degenerated flukes	8
Lungs—Echinococcus	1
Heads—Tuberculosis	7
Livers—Tuberculosis	3
Livers—Distomstosis	3
Mesenteries—Tuberculosis	2
Diaphragm—Tuberculosis	1

Swine—

Heads—Tuberculosis	9
Plucks—Tuberculosis	2

The following were inspected at the Butchers' Allocation Centre:—

Qtrs. of Beef	2608
Sheep and Lambs	1611
Swine	1093
Calves	47

In connection with the above informal action was taken in respect of:—

Liver (sheep)	5½ lbs.
Liver (bovine)	15 lbs.
Mesentery (pigs)	1 lb.
Heads (pigs)	4
Heads(bovine)	2
Beef	87 lbs.
Pork	182 lbs.

The carcase of all animals slaughtered in emergency were inspected and action taken in respect of:—

1 Pig's head.
1 carcase of Beef complete with offals.

INSPECTION OF FOOD.

Preparation and Sale, 1940.

Inspections:—

Fried Fish Shops	169
Bakehouses	58
Ice Cream Premises	21
Other Premises	315
Total	563

Summary of food found to be unfit for human consumption:—

Potatoes	55 cwts.
Onions	4 cwts.
Bacon	9 lbs.
Eggs	800
Tripe	35 lbs.

ADULTERATIONS.

Supervision and Inspection under Food and Drugs Act is undertaken by the West Riding County Council.

Chemical and Bacteriological Examination of Food.
See under "Milk."

Nutrition. Dissemination of Knowledge of Nutrition and Food Value.

See under previous Annual Reports.

Adoption of National Milk Scheme. Ministry of Food. Adaptation to War Conditions.

SECTION F.—PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Notifications of "Notifiable Infectious Diseases," 1940:—

Scarlet Fever	52
Diphtheria	28
Paratyphoid Fever	1
Pneumonia	49
Puerperal Pyrexia	6
Ophthalmia Neonatorum	1
Erysipelas	9
Pulmonary Tuberculosis (new cases)	18
Non-Pulmonary Tuberculosis (new cases)	13
Whooping Cough	27
Measles	875
C.S.M.	5
Polioencephalitis	1
Encephalomyelitis	3
Poliomyelitis	1
Total	1,089

Notifications of "Notifiable Infectious Diseases" included in preceding table occurring in school children:—

Scarlet Fever	30
Diphtheria	18
Pneumonia	4
Measles	399
Whooping Cough	12
Non-Pulmonary Tuberculosis	1
Meningococcal Meningitis	1
C.S.M.	2
Polioencephalitis	1
Para Typhoid B.	1
Encephalomyelitis	2
Poliomyelitis	1
	472

Notifications of Infectious Diseases, Non-notifiable, received from Head Teachers of Schools:—

Chicken-pox	44
Whooping Cough	7
Measles	78
Mumps	3
German Measles	98
Tonsilitis	1
Total	231

School Attendance—Infectious Diseases.

19 low attendance certificates for infectious diseases were given in 1940.

(Each certificate covered a period of one week).

Infectious Diseases:—

Reference to the Tables above shows a prevalence of measles (875 cases) and of German Measles in 1940.

There were very few cases of Measles in the first half of the year. In June 124 cases were notified and then fewer cases in July and August. In September 113 cases were notified and 271 in October, high figures of 126 in November and 104 in December being maintained to the end of 1940.

Cases of Measles were not admitted to the Isolation Hospitals.

One death from Measles was recorded.

Fewer cases of Scarlet Fever were notified than in the preceding year, 52 in 1940 and 127 in 1939.

There was no prevalence of Diphtheria, 28 in 1940 as compared with 25 in 1939.

Somewhat higher figures are shown for Pneumonia, 49 in 1940 and 28 in 1939.

The total figure for notification of new cases of Tuberculosis shows a slight decrease—31 in 1940 as against 33 in 1939, the figures for the early War year do not indicate any increase in this disease at this period.

Attention is drawn to the notification of Cerebro-spinal Fever 5, Polioencephalitis 1, Encephalomyelitis 3, and Poliomyelitis 1.

The great total increase in notifiable infectious diseases (1,089 in 1940 as compared with 230 in 1939) is accounted for by the inclusion in 1940 of Measles and Whooping Cough as notifiable infectious diseases.

Isolation Hospitals.

No alteration in arrangements.

Bruntcliffe Lane Isolation Hospital Returns, 1940:—

	Scarlet Fever.	Diphtheria.	Pneumonia.	Erysipelas.	Total.
Admissions	8	0	0	0	8
Deaths	0	0	0	0	0

Oakwell Hall Isolation Hospital Returns, 1940:—

	Scarlet Fever.	Diphtheria.	Erysipelas.	Total.
Admissions	17	8	0	25
Deaths	0	0	0	0

Carr Gate Isolation Hospital Returns, 1940:—

	Scarlet Fever.	Diphtheria.	Observation.	Total.
Admissions	18	20	0	38
Deaths	0	1	0	1

Notifiable Diseases (other than Tuberculosis), 1940:—

Diseases.	Total cases notified.	Admitted to Hospital.	Deaths.
Scarlet Fever	52	43	0
Diphtheria	28	28	2
Enteric Fever (inclusive para-typhoid fevers)	1	1	0
Puerperal Pyrexia	6	0	0
Pneumonia	49	0	20
Erysipelas	9	0	0
Ophthalmia Neonatorum	1	0	0
Cerebro-Spinal Fever	5	2	1
Whooping Cough	27	0	0
Measles	875	0	1
Polioencephalitis	1	1	0
Encephalomyelitis	3	2	0
Poliomyelitis	1	0	0

Age Group Incidence and Analysis of Notifiable Diseases.

(See separate table).

CANCER.

Total Deaths—Males 27, Females 24, Total 51.

Extended Borough.

Year.	1940	1939	1938	1937	1936	1935	1934
No. of Deaths ...	51	63	62	55	38	27	40

Analysis of 51 deaths shown in:—

Males.		Females.	
Digestive Tract and Associated Organs	16	Digestive Tract and Associated Organs	10
Lung	6	Breast and Uterus	9
Genito-Urinary System	2	Other	5
Other	3		
	27		24

Ages at death are shown in the following table:—

	Males.	Females.	Combined.
Age 30—39 years	0	1	1
,, 40—49 years	4	3	7
,, 50—59 years	8	6	14
,, 60—69 years	7	8	15
,, 70—79 years	7	4	11
,, 80—89 years	1	2	3

TUBERCULOSIS.

New cases and Mortality during 1940.

Notifications of Deaths from Tuberculosis, 1940:—

	Notifications.	Deaths.
Pulmonary	18	15
Non-Pulmonary	13	2
	31	17

Age Groups.	New Cases.				Deaths.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0 1	0	0	0	0	0	0	0	0
1—5	0	0	0	2	0	0	1	0
5 15	0	0	0	2	0	0	0	0
15 —25	4	6	1	1	3	0	0	0
25 —35	0	3	2	3	1	3	0	0
35—45	1	0	0	2	3	0	0	0
45 - 55	1	0	0	0	1	0	1	0
55 65	0	2	0	0	0	2	0	0
65 and upwards	1	0	0	0	2	0	0	0
Totals	7	11	3	10	10	5	2	0

AGE GROUP INCIDENCE AND ANALYSIS OF NOTIFIABLE DISEASES.

Disease.	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65+	Total.
Diphtheria	0	0	0	0	2	8	10	5	2	1	0	0	28
Scarlet Fever	0	2	2	6	4	20	9	5	3	1	0	0	52
Enteric Fever	0	0	0	0	0	1	0	0	0	0	0	0	1
Puerperal Pyrexia	0	0	0	0	0	0	0	0	6	0	0	0	6
Pneumonia (all forms) ...	3	2	1	1	3	0	2	2	10	6	14	5	49
Erysipelas	0	0	0	0	0	0	0	0	2	1	5	1	9
Ophthalmia Neonatorum ...	1	0	0	0	0	0	0	0	0	0	0	0	1
Tuberculosis—													
Pulmonary	0	0	0	0	0	0	0	6	7	2	2	1	18
Non-pulmonary	0	0	1	1	0	0	1	1	7	2	0	0	13
Whooping Cough	2	3	5	4	3	10	0	0	0	0	0	0	27
C.S.M.	0	0	0	0	0	2	1	0	2	0	0	0	5
Measles	33	68	109	118	156	370	12	4	5	0	0	0	875
Polioencephalitis	0	0	0	0	0	0	1	0	0	0	0	0	1
Encephalomyelitis	0	0	0	1	0	2	0	0	0	0	0	0	3
Poliomyelitis...	0	0	0	0	0	0	1	0	0	0	0	0	1
Totals	39	75	118	131	168	413	37	23	44	13	21	7	1089

AGE GROUP MORTALITY.

ANALYSIS OF NOTIFIABLE DISEASES.

Deaths	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65+	Total
Diphtheria	0	0	0	2	0	0	0	0	2
Scarlet Fever ...	0	0	0	0	0	0	0	0	0
Puerperal Fever	0	0	0	0	0	0	0	0	0
Enteric Fever ...	0	0	0	0	0	0	0	0	0
Erysipelas	0	0	0	0	0	0	0	0	0
Pneumonia (all forms)	4	1	0	1	1	1	6	6	20
Tuberculosis—									
Pulmonary ...	0	0	0	0	3	7	3	2	15
Non-pulmonary	0	1	0	0	0	0	1	0	2
Cerebro-Spinal Fever	0	0	0	0	0	0	1	0	1
Dysentery	0	0	0	0	0	0	0	0	0
Encephalitis Lethargica	0	0	0	0	0	0	0	0	0
Totals	4	2	0	3	4	8	11	8	40

ANALYSIS OF DEATHS OF PERSONS FROM NOTIFIABLE INFECTIOUS DISEASES.

Disease.	North Ward.	Central Ward.	South Ward.	Churwell Ward.	E. & W. Ardsley Wards.		Gilder-some Ward.	Drigh-lington Ward.	Total.
Diphtheria ...	0	0	1	0	0	1	0	0	2
Scarlet Fever ...	0	0	0	0	0	0	0	0	0
Encephalitis Lethargica	0	0	0	0	0	0	0	0	0
Cerebro-Spinal Fever	0	0	1	0	0	0	0	0	1
Tuberculosis—									
Pulmonary ...	0	1	4	0	3	5	1	1	15
Non-pulmonary	0	0	1	0	0	0	0	1	2
Pneumonia (all forms)	2	0	6	0	7	4	0	1	20
Totals ...	2	1	13	0	10	10	1	3	40

Ophthalmia Neonatorum.

Cases			Vision Unimpaired.	Vision Impaired.	Total Blindness	Death.
Notified	Treated					
	At home.	In hospital				
1	1	0	1	0	0	0

VITAL STATISTICS.

Population.

Estimated population of Morley for 1940:—38,090.

Births.

531 births were notified in 1940 as compared with 556 in 1939.

Distribution of Notified Births in Wards.

Ward.	Males.	Females.	Total.
Morley North	43	38	81
Morley Central	30	28	58
Morley South	43	48	91
Churwell	18	12	30
East Ardsley	39	21	60
West Ardsley	48	41	89
Drighlington	29	34	63
Gildersome	24	35	59
	274	257	531

The Registrar-General's corrected figure for the birth-rate gives 278 boys and 259 girls, a total of 537.

11 boys and 11 girls are recorded as illegitimate.

The corrected birth-rate figure is 13.89 per 1,000.

The corrected birth-rate figure for 1939 was 13.72 per 1,000 and the figures for the past 5 years are:—

1935	.....	12.2
1936	.....	14.2
1937	Extended Borough	13.7
1938	..... ,, ...	15.58
1939	..... ,, ...	13.72

The Registrar General's returns show the following live birth-rates estimated on a population to the middle of 1940:—

England and Wales	14.6
126 County Boroughs and Great Towns (including London)	16.0
148 Smaller Towns (Resident Populations 25,000 to 50,000 to 1931 Census)	15.7
London, Administrative Council	13.7

DEATHS.

Ward.	Males.	Females.	Total.
Morley North	48	46	94
Morley Central	40	25	65
Morley South	66	56	122
Churwell	8	11	19
East Ardsley	32	50	82
West Ardsley	33	39	72
Drighlington	30	42	72
Gildersome	30	30	60
	287	299	586

The Registrar-General's corrected figures for the death-rate gives 277 males and 269 females, a total of 546.

The corrected death-rate figure for 1940 is 14.07 per 1,000.

The corrected death-rate figure for 1939 was 12.92 per 1,000, and the figures for the past 5 years are:—

1935		13.9
1936		13.2
1937	Extended Borough	13.9
1938	,,	12.25
1939	,,	12.92

The Registrar-General's returns show the following death-rates estimated on a population to the middle of 1940:—

England and Wales	14.3
126 County Boroughs and Great Towns (including London)	15.8
148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	12.8
London, Administrative County	17.8

ANALYSIS OF DEATHS OF PERSONS AGED 65 YEARS AND OVER.

Age.	North Ward.	Central Ward.	South Ward	Churwell Ward.	E. & W. Ardsley Ward.		Drighlington Ward.	Gildersome Ward.	Total.
65—69	10	7	22	3	12	13	5	16	88
70—74	11	15	14	1	9	10	5	9	74
75—79	18	9	8	2	8	8	6	3	62
80—84	11	5	5	3	3	1	4	1	33
85—89	3	3	2	1	1	2	3	2	17
90 plus	0	0	2	0	0	0	2	0	4
	53	39	53	10	33	34	25	31	278

The following table shows the causes of death in the Borough of Morley for the year 1940:—

Morley Municipal Borough, 1940 (civilians only):—

		Males.	Females.	Total.
1.	Typhoid and Para-typhoid Fevers ...	0	0	0
2.	Cerebro-Spinal Fever	0	1	1
3.	Scarlet Fever	0	0	0
4.	Whooping Cough	0	0	0
5.	Diphtheria	0	2	2
6.	Tuberculosis of Respiratory System...	6	9	15
7.	Other Forms of Tuberculosis	2	0	2
8.	Syphilitic Disease	4	2	6
9.	Influenza	3	6	9
10.	Measles	1	0	1
11.	Acute poliomyelitis and polio-encephalitis	0	0	0
12.	Acute Infectious Encephalitis	0	0	0
13.	Cancer of Body Cavity and Oesophagus (M), Uterus (F)	3	3	6
14.	Cancer of Stomach and Duodenum...	4	4	8
15.	Cancer of Breast	0	6	6
16.	Cancer of all other Sites	19	12	31
17.	Diabetes	2	3	5
18.	Intra-cranium Vascular Lesions ...	29	42	71
19.	Heart Disease	59	68	127
20.	Other Diseases of Circulatory	17	9	26
21.	Bronchitis	33	25	58
22.	Pneumonia	16	4	20
23.	Other Respiratory Diseases	5	5	10
24.	Ulceration of Stomach or Duodenum	4	0	4
25.	Diarrhœa under 2 years	1	0	1
26.	Appendicitis	1	0	1
27.	Other Digestive Diseases	4	7	11
28.	Nephritis	10	15	25
29.	Puerperal and Post-abortional Sepsis	0	1	1
30.	Other Maternal Causes	0	1	1
31.	Premature Birth	3	2	5
32.	Congenital Malformations, Infant Injuries, Infant Diseases	8	4	12
33.	Suicide	0	1	1
34.	Road Traffic Accidents	8	2	10
35.	Other Violent Causes	7	3	10
36.	All Other Causes	28	32	60
		277	**269**	**546**

	Males.	Females.	Total.
Total Deaths of Infants under one year ...	14	8	22
Legitimate	14	8	22
Illegitimate	0	0	0
Total Number of Live Births	278	259	537
Legitimate	267	248	515
Illegitimate	11	11	22
Total Number of Live Births, I.M., etc.	281	260	541
Legitimate	270	249	519
Illegitimate	11	11	22
Total Number of Still-births	8	8	16
Legitimate	8	7	15
Illegitimate	0	1	1

Respiratory Disease—Deaths and Death-rates.

	1936	1937	1938	1939	1940
Deaths	27	51	46	40	88
Death-rate ...	1.2	1.3	1.21	1.02	2.31

Analysis of Deaths from Respiratory Diseases during 1940.

	Males.	Females.
Pneumonia (all forms)	16	4
Bronchitis	33	25
Other Respiratory Diseases	5	5
	—	—
	54	34
	—	—

Statistics Relating to Infantile Mortality and Child Welfare.

The Infant Mortality Rate for the year is 40.7 per 1,000 live births The Infant Mortality Rates for the past five years are shown as:—

1935 ...	58.1	per 1,000 live births.
1936 ...	31.8	
1937 ...	44.5	
1938 ...	57.0	
1939 ...	46.3	

Comparative Ifantile Mortality Rate.

England and Wales	55	per 1,000 live births.
126 County Boroughs and Great Towns, including London ...	61	
148 Small Towns	54	
London	50	

Analysis of Causes of Death of all Infants under 1 year.

	North Ward.	Central Ward.	South Ward.	Churwell Ward.	E. & W. Ardsley Wards.		Drighlington Ward.	Gildersome Ward.	Total.
Premature Births and Congenital Defects	5	1	2	0	0	1	2	1	12
Diarrhœa	0	0	0	0	1	0	0	0	1
Violent Accident	0	0	0	0	0	0	0	0	0
Other Defined Conditions ...	1	2	0	0	4	2	0	0	9
	6	3	2	0	5	3	2	1	22

Cancer.

Table showing deaths and death-rates for the past five years:—

	1936	1937	1938	1939	1940
Deaths	38	55	62	63	51
Death-rate ...	1.7	1.4	1.5	1.6	1.34

APPENDIX.

ANNUAL REPORT

Of the Medical Officer of Health for the year 1940, for the Borough of Morley in the County of West Riding of Yorkshire, on the administration of the Factory and Workshop Act, 1901, and the Factories Act, 1937 (which superseded the Act of 1901 1st July, 1938).

1.—Inspections for purposes of provisions as to health.

Including Inspections made by Sanitary Inspectors.

Premises. (1)	Number of		
	Inspections (2)	Written Notices. (3)	Occupiers Prosecuted (4)
Factories with mechanical power ...	17	2	0
Factories without mechanical power ...	6	0	0
Other Premises under the Act (including works of building and engineering construction but not including out-workers' premises)	0	0	0
Total	23	2	0

2.—Defects Found.

Particulars. (1)	Number of Defects. Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	Number of defects in respect of which Prosecutions were instituted. (5)
Want of cleanliness	0	0	—	—
Overcrowding	0	0	—	—
Unreasonable temperature ..	0	0	—	—
Inadequate ventilation ...	0	0	—	—
Ineffective drainage of floors...	0	0	—	—
Sanitary Conveniences: insufficient ...	1	1	—	—
Sanitary Conveniences: unsuitable or defective ...	3	3	—	—
Sanitary Conveniences: not separate for sexes ...	0	0	—	—
Other offences (not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937) ...	0	0	—	—
Total .	4	4	—	—

OUTWORK IN UNWHOLESOME PREMISES.

(Section 108 of Act of 1901 ; Section 111 of Act of 1937).

NATURE OF WORK. (1)	Instances. (2)	Notices served. (3)	Prosecutions. (4)
Wearing Apparel—			
Making, etc.			
Cleaning and washing			
Household linen			
Lace, lace curtains and nets			
Curtains and furniture hangings			
Furniture and upholstery			
Electro-plate			
File making			
Brass and brass articles			
Fur pulling			
Cables and chains			
Anchors and Grapnels			
Cart Gear	There are no outworkers in Morley.		
Locks, latches and keys			
Umbrellas, etc.			
Artificial flowers			
Nets, other than wire nets			
Tents			
Sacks			
Racquet and tennis balls			
Paper, etc., boxes, paper bags			
Brush making			
Pea picking			
Feather sorting			
Carding, etc., of buttons, etc.			
Stuffed toys			
Basket making			
Chocolates and sweetmeats			
Cosaques, Christmas crackers, Christmas stockings, etc.			
Textile weaving			
Lampshades			
Total			

FREDERICK G. E. HILL,
Medical Officer of Health.

BIRTH-RATES, DEATH-RATES, AND ANALYSIS OF MORTALITY DURING THE YEAR 1940.

England and Wales, 126 County Boroughs and Great Towns, and 148 Smaller Towns.

(Provisional figures). Based on Weekly and Quarterly Returns.

	Rate per 1000 Total Population.		Annual Death-rate per 1,000 Population.								Rate per 1000 Live Births.	
	Live Births	Still-Births	All Causes	Typhoid and Para-typhoid fevers.	Small-pox	Measles	Scarlet Fever	Whooping-cough	Diphtheria	Influenza	Diarrhœa and Enteritis (under 2 years)	Total Deaths under One Year
England and Wales	14·6	0·55	14·3	0·00	—	0·02	0·00	0·02	0·06	0·32	4·6	55
126 County Boroughs & Great Towns, including London ..	16·0	0·64	15·8	0·00	—	0·02	0·00	0·02	0·07	0·29	5·9	61
148 Smaller Towns	15·7	0·55	12·8	0·00	—	0·02	0·00	0·02	0·05	0·30	4·4	54
London	13·7	0·44	17·8	0·00	—	0·02	0·00	0·00	0·01	0·18	5·8	50
Morley, ...	13·89	0·42	14·07	0·00	—	0·02	0·00	0·00	0·05	0·23	1·8	40

		Puerperal Sepsis.	Others.	Total.
The maternal mortality rates for England and Wales are as follows :	per 1,000 Total Births ...	0·52	1·64	2·16
,, ,, ,, Morley ,, ,,	per 1000 Total Births ...	1·8	1·8	3·6

TABLE C.

YEAR 1940.

BOROUGH OF MORLEY SANITARY DISTRICT.

NUISANCE INSPECTIONS

Total No. of Inspections made in 1940, for Nuisance only—1473.
(Not including Housing Inspections).

Nuisances found in 1940 ...	719	Total needing abatement ...	1070
Nuisances in hand, end of 1939	351	Total abated during 1940 ...	497
Total	1070	Outstanding at end of 1940...	573
Notices served, Informal ...	719	Complied with	479
,, ,, Statutory ...	18	,, ,, ...	18

Total number of Summonses or other legal proceedings 2

Regulated Buildings, Trades, &c.	No. in District.	No. on Register.	Total No. of Inspections made.	General Instructions.	Legal Proceedings (if any).
Common Lodging Houses	0	0	0	—	0
Houses let in Lodgings	2	2	0	Not satisfactory	0
Canal Boats	0	0	0	—	0
Knackers' Yards ...	0	0	0	—	0
Tents, Vans and Sheds	5	5	37	Not satisfactory All but one now removed	1
Offensive Trades :					
Tripe Boilers	4	4	5	Satisfactory	0
Fat Melters	4	4	7	,,	0
Gut Scraper	1	1	3	,,	0
Bone Boiler	1	1	2	,,	0
Soap Boiler	1	1	2	,,	0

Have the Council declared any other processes to be offensive trades ?—No.

DRAINAGE AND SEWERAGE.

Particulars of any sewer extensions during 1940—None.

Details of any portion of district still requiring

(*a*) Sewering—Gelderd Road, Tingley Common, Woodhouse Lane.

(*b*) Improvement of defective sewers—Bridge Street, Morley, Upper and Lower Churwell.

No. of houses not connected to sewers—401.

SEWAGE DISPOSAL WORKS.

Particulars of any extensions made during 1940—None.

Inadequacy of sewage disposal works?—Main outfall works, Churwell works, Drighlington works.

Any complaints from West Riding Rivers' Board?—Yes. Unsatisfactory effluent.

CLOSET ACCOMMODATION.

No. of privies with open middens—27. No. of pail or tub closets—

,, with covered middens—310.

No. of water closets—10448. No. of waste water closets—45.

No. of closets, other than Privies, reconstructed during 1940 as w.c.'s—0.

No. of additional Closets provided for old property in 1940 as—(*a*) w.c.'s—1. (*b*) other—0.

No. of Closets constructed in 1940 for new houses—(*a*) w.c.'s—130. (*b*) other—0.

Any special action being taken by Council to secure conversion of privies, waste water closets and pails to W.C. system. If so, what?—Yes. In the Drighlington area where there are many outstanding conversions. The operation of the scheme is now temporarily postponed.

SCAVENGING.

Is public scavenging in operation throughout the whole district?—No.

If not, is it in operation in any part of the area? If so, specify part or parts—Public scavenging is in operation in all the area with the exception of Drighlington. Drighlington is scavenged by private contract.

How is refuse disposed of? 1. Destruction—None. 2. Tipping—100 % 3. Farmers—None.

If tipping is in operation, is it on the controlled system?—No.

Total annual cost of collection and disposal of refuse—£5,964 13s. 5d.

Particulars of any extension or improvement in the service during the year—Yes. Increased salvage of paper, glass, metal, rags, etc.

WATER SUPPLY.

Source of supply—1. Morley Corporation Waterworks.
2. Halifax Corporation Waterworks.
3. Bradford Corporation Waterworks.

By whom distributed ?—1. Morley Corporation. 2. Bradford Corporation.

No. of houses on public supply—Practically every home.

Any extension of supply during the year ?—Hill Top Estate, West Ardsley.

Has supply been satisfactory ?—Yes. In quality ?—Yes. In quantity ?—Yes.

Number of examinations made during the year (*a*) chemical 1—Result—Good. (*b*) bacteriological—225. Result—Good.

Have any supplies been restricted or closed, if so, where ?—No restrictions were necessary in 1940.

MILK SUPPLY.

No. of Milk samples taken by officers of local authority for analysis under the Food and Drugs Act, 1938—None.

No. found adulterated—None. No. of prosecutions—None.

No. of samples of ordinary milk taken by officers of local authority for :
(*a*) Methylene blue test—157. (*b*) presence of tuberculosis—157

Any special examination of milk for dirt, *e.g.*, sedimentation test ?—None

Any instance of disease attributed to milk during 1940 ?—None.

No. of cowkeepers in district—53. No. registered—52.

Total No. of cowsheds—53 Total No. of milk cows—500 (approx).

Total No. of cowshed inspections—101.

No. of wholesale traders registered 21. No. of retail milk sellers registered—84.

Have any retailers been removed from the Register ?—No

Observations as to structural conditions, cleanliness and methods of production and handling of milk—Premises, variable. Methods, continue unsatisfactory in some cases.

MILK (SPECIAL DESIGNATIONS) ORDERS 1936 and 1938

No. of Licences in force in orea for :—		Samples of designated milks examined bacteriologically. Number Satisfactory.	Number Unsatisfactory.	Total.
(*a*) Production of "Tuberculin Tested" Milk	0	1	0	1
(*b*) Production of "Accredited" Milk	9	28	2	30
(*c*) In respect of Pasteurising plants	1	12	8	20
(*a*) No. of licences in force for bottling "Tuberculin Tested" or "Accredited" milk, other than at place of pr duction ..	0			

MEAT INSPECTION.

Any public abattoir in the district?—No.
Total No. of private slaughterhouses—15.
No. unsatisfactory either as regards structure, position or in other respects—9.
No. of times each slaughter-house inspected—10.
Total inspections—189.
Seizures of unsound food—None. Total weight—N/a. No. of prosecutions—None
Meat surrendered to Officers of the Local Authority after inspections on 42 occasions. This includes inspection of meat at the Butcher's Allocation Centre.

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Meat Marking: Is scheme in force under above?—No.
If so, give particulars of action under same—N/a.

OTHER FOODS.

No. of samples (other than milk) taken by Officers of L.A. for examination under the Food and Drugs Act, 1938—None
No. found adulterated—None. No. of prosecutions—None.
No. of Bakehouses in district—37. Total inspections—58.
Are any of bakehouses underground, if so, how many?—None.

SCHOOLS.

Statutory Medical Inspection is carried out by the County Education Authority in most of the district, but that does not relieve the Medical Officer of Health of his duties in regard to sanitation and the prevention of infectious outbreaks in connection with schools.
No. of Schools in district 16. No. visited by M.O.H.—16.
Action taken—Individual exclusion. Schools closed by M.O.H.—None.
General Sanitary Conditions—Good, with exceptions.

SMOKE ABATEMENT.

No. of smoke observations each of 30 minutes duration taken during 1940—19.
No. of above showing excessive emission of black smoke—1.
No. of cautions issued—1. No. of statutory notices issued—0.
No. of prosecutions—0.

SHOPS ACT, 1934, Sections 10 and 13 (3).

No of visits paid under the above Act during 1940—45.
Unsatisfactory conditions found—1. Remedied—1.

TENTS, VANS, SHEDS, Etc.

No. in district—5 in year 1 on 31/12/40.
Is this class of dwelling showing signs of increase?—No.
Have Council made bye-laws under Section 268 (4) Public Health Act, 1936?—No.